

CLAIMS

I claim:

1 1. An adjustable retail electrical wire dispensing reel
2 caddy, comprising:

3 a caddy frame having a rear upright portion and a forward
4 extending base;

5 a horizontally disposed reel support shaft mounted on said
6 caddy frame rear upright portion and extending forward over said
7 forward extending base,

8 a reel removably supported for rotation on said reel
9 support shaft, said reel having inner and outer reel portions,
10 each said reel portion comprising:

11 a cylindrical hub;

12 A circular outer rim;

13 said reel support shaft being spaced from said frame
14 base by at least the radius of said reel outer rims;

15 a plurality of reel spokes extending radially between
16 said cylindrical hub and said outer rim of said inner reel
17 portion, each said reel spoke having a generally "U"-shaped coil
18 support bend extending axially forward relative to said

1 cylindrical hub and said circular outer rim, said coil support
2 bend having an outer radius bend for supporting the wire coil;

3 said outer reel portion being axially adjustable along said
4 reel support shaft;

5 said outer reel portion and said inner reel portion being
6 mounted on said reel support shaft such that said "U"-shaped
7 coil support bends circumferentially overlap so as to form an
8 axle for supporting the wire coil for rotation;

9 said outer radius bends of said spokes conforming with the
10 cross-sectional circumference of said wire coil; and

11 removable means for adjustably retaining said outer reel
12 portion of said reel along the outer portion of the length of
13 said reel support shaft;

14 whereby said outer reel portion is removed from said axial
15 support, a coil of wire is placed radially over the coil support
16 bends of said spokes of said inner reel portion, said outer reel
17 portion is placed on said reel support shaft such the coil
18 support bends of the outer reel intersect and are radially
19 spaced from the inner reel coil support bends and are snug
20 against the coil of wire, and said means for retaining the outer
21 reel is mounted on said reel support shaft at a point such as to
22 maintain the outer reel snug against the wire coil such that the

1 wire in the coil may be distributed from the caddy in an even,
2 flat and straight configuration, the reel rotating on the reel
3 support shaft as the wire is pulled away from the coil to the
4 length desired by the customer.

1 2. The wire dispensing caddy of claim 1, wherein each said
2 reel portion further comprises a circular plate mounted on said
3 reel hub, and said reel spokes are attached to and radially
4 spaced around said circular plate.

1 3. The wire dispensing caddy of claim 2, wherein said
2 upright portion of said caddy frame has two spaced vertical
3 uprights, an upper cross member extending between upper ends of
4 said vertical uprights, said upper cross member serving as a
5 handle for tilting and moving said caddy.

1 4. The wire dispensing caddy of claim 3, wherein said
2 upright portion of said caddy frame has a shaft mount plate
3 extending between said uprights at the center portions thereof.

1 5. The wire dispensing caddy of claim 4, wherein said reel
2 support shaft is attached at the center of said shaft mount
3 plate and extends forward therefrom over said base.

1 6. The wire dispensing caddy of claim 5, wherein said
2 circular plate of said inner reel portion turns against said
3 shaft mount plate.

1 7. The wire dispensing caddy of claim 2, said outer
2 portion of said reel support shaft contains a plurality of
3 cross-bores spaced axially along said shaft outer portion and
4 said means for adjustably retaining said outer reel portion of
5 said reel comprises a pin for insertion in any of said spaced
6 cross-bores.

1 8. The wire dispensing caddy of claim 7, further
2 comprising a washer removably mounted on said reel support shaft
3 between said pin and said outer reel portion and wherein said
4 circular plate of said outer reel portion turns against said
5 washer.

1 9. The wire dispensing caddy of claim 8, wherein said
2 outer reel portion is adjustable relative to said inner reel
3 portion so as to hold at least two sizes of wire coil.

1 10. The wire dispensing caddy of claim 3, wherein said
2 caddy base has opposing front and rear cross members connected
3 at each end thereof by opposing side members, said upright frame
4 portion spaced uprights extending upward from the central
5 portion of said rear cross members such that said reel support
6 shaft extends forward from said base at the midpoint between
7 said opposing side members.

1 11. The wire dispensing caddy of claim 10, further
2 comprising a lateral angle brace extending between each of said
3 upright members and the adjacent end of said rear cross member.

1 12. The wire dispensing caddy of claim 11, further
2 comprising a forward brace extending between each said lateral
3 angle brace and the adjacent base side member.

1 13. The wire dispensing caddy of claim 11, wherein the
2 lower portion of each said frame upright is angled forward from
3 vertical between said rear base member and the attachment points
4 of said angle braces.

1 14. The wire dispensing caddy of claim 7, wherein each
2 said reel hub extends axially from said circular plate between
3 said "U"-shaped coil supports.

1 15. The wire dispensing caddy of claim 14, wherein said
2 shaft throughbores are spaced at 1/4 inch intervals starting
3 from the free end of said reel support shaft.

1 16. The wire dispensing caddy of claim 15, wherein each
2 said inner and said outer reel portions is identical in
3 structure.

1 17. The wire dispensing caddy of claim 3, wherein said
2 caddy is 23 inches in overall height, each said outer rim is 15
3 inches in diameter, and said caddy upright portion is 5 1/4
4 inches in width and said reel support shaft is about 3/4 inch in
5 diameter.

1 18. The wire dispensing caddy of claim 10, wherein said
2 front and said rear cross members of said base are 18 inches in
3 length and said opposing side members are 8 inches in length.

5